hydrobiologia volume 271 (1993), contents

no. 1

T. Matsubara: Rotifer community structure in the south basin of Lake Biwa 1
B. G. M. Jamieson & H. J. Grier: Influences of phylogenetic position and fertilization biology on spermatozoal ultrastructure exemplified by exocoetoid and poeciliid fish 11
D. Sarno, A. Zingone, V. Saggiomo & G. C. Carrada: Phytoplankton biomass and species composition in a Mediterranean coastal lagoon 27
S. Gupta, R. G. Michael & A. Gupta: Influence of diet on growth, food retention time, and gill ventilation rate of nymphs of *Cloeon* sp. (Ephemeroptera: Baetidae) 41
E. Suárez-Morales & M. E. Islas-Landeros: A new species of *Monstrilla* (Copepoda: Monstrilloida) from a reef lagoon off the Mexican coast of the Caribbean Sea 45
I. Ostrovsky, M. Gophen & I. Kalikhman: Distribution, growth, production, and ecological significance of the clam *Unio terminalis* in Lake Kinneret, Israel 49

no. 2

R. L. France: Influence of lake pH on the distribution, abundance and health of crayfish in Canadian Shield lakes 65
R. L. France: Inter-relationships among demographic traits comprising amphipod production and turnover 71
T. Flum, G. L. Huxel, C. S. LaRue, B. Hardison, J. R. Duncan & J. A. Drake: A closed artificial stream for conducting experiments requiring a controlled species pool 75
E. N. Leonard, V. R. Mattson, D. A. Benoit, R. A. Hoke & G. T. Ankley: Seasonal variation of acid volatile sulfide concentration in sediment cores from three northeastern Minnesota lakes 87
M. D. Sytsma & L. W. J. Anderson: Transpiration by an emergent macrophyte: source of water and implications for nutrient supply 97
D. Golani: The biology of the Red Sea migrant, *Saurida undosquamis* in the Mediterranean and comparison with the indigenous confamilial *Synodus saurus* (Teleostei: Synodontidae) 109
I. O. Ewa-Oboho: Substratum preference of the tropical estuarine crabs, *Uca tangeri* Eydoux (Ocypodidae) and *Ocypode cursor* Linne (Ocypodidae) 119

no. 3

A. Martínez-Taberner & G. Moyà: Submerged vascular plants and water chemistry in the coastal marsh Albufera de Mallorca (Balearic Islands) 129
J. J. Smith & P. S. Lake: The breakdown of buried and surface-placed leaf litter in an upland stream 141
J. H. Johnson & D. S. Dropkin: Diel variation in diet composition of a riverine fish community 149
C. Freeman, M. A. Lock & J. Marxsen: Poly-beta-hydroxy alkanoate and the support of river biofilm metabolism following radical changes in environmental conditions 159
M. Shafiq Ahamed, K. Suresh, G. Durairaj & K. V. K. Nair: Effect of cooling water chlorination on primary productivity of entrained phytoplankton at Kalpakkam, east coast of India 165
I. O'Farrell: Phytoplankton ecology and limnology of the Salado River (Buenos Aires, Argentina) 169
R. M. Kamaltynov, V. I. Chernykh, Z. V. Slugina & E. B. Karabanov: The consortium of the sponge *Lubomirskia baicalensis* in Lake Baikal, East Siberia 179

Author index (Vol. 271) 191